SEQLIST.txt SEQUENCE LISTING

<110> Millenium Pharmaceuticals, Inc. Meyer, Joanne Barrington-Martin, Rory Farker, Alexander Barnes, Glenn

 ± 1200 . Compositions and methods for the diagnosis and treatment of neuropsychiatric disorders, including schizophrenia

-:130> 3:22/0H401-US0

-:1400- t.b.a.

-(141)- 2(0)((1-0)1-2(4)

-(1600-1107)

RatentIn version 3.0

-00170- 1

-00110+ 6+30 -0012+ DNA

Homo saplens

-(4.00) + 1

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HILLIZH PRT

+1.1130 Homo sapiens

+14001- 2

Met Pro Gly Gly Gly Pro Gln Gly Ala Pro Ala Ala Ala Gly Gly 1 5 15

Gly Val Ser His Arg Ala Gly Ser Arg Asp Cys Leu Pro Pro Ala Ala 20 25 30

Cys Phe Ang Ang Ang Ang Leu Ala Ang Ang Pho Gly Tyn Met Ang Sen 35 40 45

Sor Thr Gly Pro Gly Ile Gly Phe Leu Ser Pro Ala Val Gly Thr Leu 50 55 60

Phe Arg Phe Pro Gly Gly Val Ser Gly Glu Glu Ser His His Ser Glu 65 70 75 30

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G.n Glu Phe Ala Ala Met Asp Ser Ser Glu Thr Leu Asp Ala Ser Trp 145 150 150 160

Page 5

SEQUIST. : x:

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Leu Pro	Ser	A:a 180	Glu	L⊕u	Ser	Ser	Asn 185	Ser	Cys	Ser	Pro	Gly 190	Сує	Gly
Pro Glu	Val 195	Pro	Pro	Thr	Pro	Pro 200	Gly	Ser	His	Ser	Ala 201	Phe	Thr	Ser
Ser Phe 211	Ser	Phe	Ile	Arg	Leu 215	Ser	Leu	Gly	Зеr	Ala 220	Gly	Glu	Arq	Gly
Glu Ala 225	Glu	Gly	Cys	Pro 230	Pro	Ser	Arg	Glu	Ala 235	Glu	Ser	His	Суз	Glr. 240
Ser Pro	Gln	Glu	Met 245	Gly	Ala	Lys	Ala	Ala 250	Ser	Leu	Asp	Gly	Pro 255	His
Glu Asp	Pro	Arq 261	Cys	Leu	Ser	Glr.	Pro 265	Phe	Ser	Lena	Leu	Ala 270	Thr	Arq
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Arg Asp 290		His	Ser	Leu	Pro 295	Asp	Иet	Asp	Pro	315 300	3er	Ser	3er	Ser
Leu Asp 305	Pro	Ser	Leu	Ala 310	Gly	Cys	Gly	317	Asp. 315	Gly	Ser	Ser	Gly	3er 320
Gly Asp	Alā	Нз	Ser 325	Trp,	Asp	Thr	Leu	1⊖u 330	Arg	Lys	Trp)	Glu	Pro 335	Val
Leu Arg	Asp	Cys 340	Leu	Leu	Arg	Asn	Arg 345	Arq	Gln	Met	Glu	Val 350	Ile	Ser
Leu Arg	Leu 355	Lys	Leu	Glri	Lys	Leu 360	Gln	314	Asp	Ala	Val 365	Glu	Asn	qsA
Asp Tyr 370	Asp	Lys	Ala	Glu	Thr 375	Deu	Gla	31n	Arg	Leu 380	Glu	Asp	Leu	Glu
Gln Glu 385	Lys	Ile	Ser	Leu 39)	His	Phe	Gln	่่ว∈น	Pro 395	Ser	Arg	Glr	Pro	Ala 400
Leu Ser	Ser	Phe	Leu 405	Glÿ	His	Leu	Ala	Ala 410	Glri	Vál	Gln	Ala	Ala 415	Leu
Arg Arg	Gly	Ala 420	Thr	Gln	Gln	Ala	3er 425	Gly	Asp	Aap	Thr	His 430	Thr	Pro
Leu Arg	Met 435	Glu	Pro	Arg	Leu	Leu 440	Glu	Pro	Thr	Ala	Glr. 445	Asp	Ser	Leu
His Val 450	Ser	Ile	Thr	Arg	Arg 455	Asp	Trp	L∈เน	Leu	Gln 460	Glu	Lys	Gln	Gln
Leu Gln	Lys	Glu	Ile	Glu	Ala	Leu	Gln		Arg Page		Phe	Val	Leu	Glu

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465					470					475					430
Ala .	Lys	Asp	Gln	Gln 4e5	Leu	Arg	Arg	Glu	Ile 490	Glu	Glu	Gln	Glu	G1n 495	Gln
Leu (Gln	Trp	31n 500	ЗІУ	Cys	Asp	Leu	Thr 505	Pro	Leu	Val	Gly	Gln 510	Leu	Ser
Leu	Gly	3lr. 515	Leu	Gln	Glu	Val	Ser 520	lys	Ala	Leu	Gln	Asp 525	Phir	Leu	Ala
Ser /	Ala 530	ЗΊΥ	Glm	Ile	Pro	Phe 535	His	Alā	Glu	Pro	Pro 540	Glu	Thr	Il€	Arg
Ser 545	Leu	Glr	Glu	Arg	11e 550	Lys	Ser	Leu	Asr.	Leu 555	Ser	Leu	Lys	Glu	Ile 560
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Met i	His	Ala 595	Il⊕	Ser	Gly	Asn	His 600	Phe	Trp	Thr	Ala	Lys 606	Asp	Leu	Tł.r
31.u ·	61u 610	Lle	Arq	Ser	Leu	Thr 615	Ser	Glu	Arq	Glu	GLY 620	Leu	Glu	ЗІУ	Leu
Leu : 635	Ser	Lyε	Leu	Leu	Val 630	Leu	Ser	Ser	Arq	Asr. 633	Val	Lys	Lys	Leu	Gly 640
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Gln I	Met	Asp	Asp	Leu 725	Glu	Gly	Ala	Alā	Pro 730	Pro	Ile:	Pro	Pro	Arg 735	Lesu
His:	Ser	Glu	Asp 740	Lys	Arg	Lys	Thr	Pro 745	Leu	Lys	Val	Leu	Glu 750	Glu	Trp
Lys	Thr	His 755	Leu	Ile	Pro	Ser	Leu 760	His	Суз	Ala	Gly	Gly 765	Glu	Gln	Lys
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110	Gly	Lys	Lys	Leu	Leu	Tyr	Leu	G1a	$A \bowtie F$	Gir.	Leu	H!s	Thr	$A1\epsilon i$	11::
785					790					795					800

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Lys Glu Ala Gly Glu Arg Glu Ala Ala Ser Cys Met Thr Ala Gly 840

Val His Glu Ala Gln Ala 450

-:::10 - 3

+0.11 + 15002 +0.12 + DNA +0.13 + Homo sapiens

-1.1.10

-11111 unsure

+:232 · (12055)..(12055)

 $\pm 2.13 + r$ is a or g or c or t/u, unknown, or other

-(4.00 + 3)

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Page 11

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costssaged	ottotototo	tgatgttaat	gatotaatot	cctcggtgag	gtotttagcc	56))
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gcatocacac	acatggaaga	totagoagoa	gotaatgtac	attbabagca	tgggcaaaga	67.70
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